



September 1, 2011

California Regional Water Quality Control Board  
Los Angeles Region  
Samuel Unger, Executive Officer

Executive Officer's Report

*The Executive Officer's Report is not intended to be an exhaustive list, but rather highlights of Regional Board staff activities from the previous month.*

*Executive Office*

**State of the San Gabriel River Watershed Symposium**

Deb Smith

On July 20th, the Council for Watershed Health (formerly the LA and San Gabriel Rivers Watershed Council) held a symposium on the State of the San Gabriel River. The focus of the symposium was what we know about the watershed from a variety of water quality and biological monitoring efforts; however, the talks were infused with topics that ranged from the hydrologic history of the river (presented by LA County) to recreational use management at local lakes, to efforts of the State Board in developing biocriteria. The keynote address, which emphasized watershed relationships and a call for collaboration, was given by Vice Chair, Mary Ann Lutz. Board Member Maria Mehranian was also in attendance as were staff members Deb Smith, Michael Lyons, and Shirley Birosik. Michael Lyons participated in an afternoon panel and discussed the results of a statewide survey of mercury in fish tissue. The Symposium was well attended and very informative.

*Our mission is to preserve*

*and enhance the quality of*

*California's water resources*

*for the benefit of present and*

*future generations.*

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## *Regional Programs*

### **Activities in the San Gabriel River and Ballona Creek Watersheds and Los Cerritos Channel/Alamitos Bay Watershed Management Area (WMA) are highlighted.**

The 689 square miles San Gabriel River Watershed receives drainage from a large area of eastern Los Angeles County ranging from open space in the mountainous upper reaches of the watershed to urbanized areas in the coastal plain portion. Monitoring such a diverse watershed can be difficult and, in the past, monitoring has often been duplicative in some areas of the watershed while being non-existent in other areas. Development of a San Gabriel River Regional Monitoring Program (SGRRMP) began in 2004 with the participation of multiple stakeholders and was motivated by a permit condition for the County Sanitation Districts of Los Angeles County's Publicly-owned Treatment Plants (POTWs) which discharge to the river. The program seeks to improve the coordination and integration of monitoring efforts for both compliance and ambient conditions, and answer five questions concerning watershed health: 1) What is the environmental health of streams in the watershed, 2) Are the conditions at areas of unique importance getting better or worse, 3) Are receiving waters near discharges meeting water quality objectives, 4) Is body contact recreation safe, and 5) Are fish safe to eat? Sampling for the program began in 2005 and is coordinated by the Council for Watershed Health (formerly the Los Angeles and San Gabriel Rivers Watershed Council). The Council held a symposium in July which provided results for the first five years of monitoring. Some highlights from the results include: toxicity was observed infrequently and was confined to the upper watershed, chemicals of concern rarely exceeded Basin Plan objectives, sediments in the estuary are likely impacted, and some fish caught in lakes and in the estuary contain high enough concentrations of PCBs or mercury to warrant limiting consumption. More information on the findings can be found at <http://www.watershedhealth.org/programsandprojects/sgrmp.aspx>.

The Los Cerritos Channel/Alamitos Bay WMA is located adjacent to the San Gabriel River Watershed and encompasses an area that historically consisted of extensive wetlands. Remnant wetlands in the area occur at the downstream end of both the Los Cerritos Channel/Alamitos Bay WMA and the San Gabriel River Watershed. They also cross over into the adjacent Santa Ana Regional Board's jurisdiction. The Coastal Conservancy has begun development of a Conceptual Restoration Plan for the area collectively called Los Cerritos Wetlands. Both Regional Boards are participating in this effort. The Plan is scheduled to be finalized in 2013.

Ballona Creek, at approximately 127 square miles, is the largest drainage tributary to Santa Monica Bay and discharges to the ocean adjacent to the entrance of the Marina del Rey harbor. The Ballona Creek Watershed Task Force has met regularly for a number of years and serves as a venue for information exchange. The July meeting highlighted Culver City's Rainwater Harvesting Program, funded by the Santa Monica Bay Restoration, and adapted from one conducted by the City of Los Angeles. The program is distributing and installing five hundred rain barrels to residents within the city to reduce potable water consumption during irrigation.

More information about the Regional Board's watersheds can be found at [http://www.waterboards.ca.gov/losangeles/water\\_issues/programs/regional\\_program/index.shtml#Watershed](http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/index.shtml#Watershed).

## *Groundwater Permitting and Land Disposal Program*

### **City of Los Angeles Ordinance for Onsite Wastewater Treatment Systems**

Eric Wu

On June 29, 2011, staff attended the Board of Public Works hearing, City of Los Angeles (City) for the establishment of an ordinance to regulate single family residential (one or two dwelling units) onsite wastewater treatment systems (OWTS). Based on the presentation made by City staff, there are 11,633 OWTS within the City of Los Angeles. Approximately 10% of the existing OWTS may have leaking problems and caused contamination to groundwater.

The proposed ordinance classifies OWTS into three categories including non-high risk, high risk convention, and high risk supplemental/advance OWTS. High risk OWTS are required to pay a fee and to be inspected regularly. Regional Board staff spoke at the hearing to support the ordinance by indicating that the City's oversight program is consistent with the Regional Board's requirements, discussing economic advantages to OWTS owners if this authority is delegated to the City, and answered questions from Board members. The Board of Public Works adopted the proposed ordinance unanimously.

**Coordination with City of Malibu on Interagency Onsite Wastewater Treatment System Management Plan**

Eric Wu

On June 27, 2011, Regional Board staff and staff of the City of Malibu (City) met to discuss future coordination on Interagency OWTS management plan. City staff provided City’s requirements of OWTS and permitting procedure. The database maintained by the City documents the OWTS designs and plans for each address, its permitting history, and communication records including inspection reports and issued permits. Accompanied and illustrated by City staff, Regional Board staff inspected multiple OWTS sites on various types of permitted OWTS. In summary, staff from both agencies has agreed to share information contained in the database, and reached an understanding to coordinate the efforts in monitoring the effectiveness of OWTS.

**Summary of Inspection Reports**

Rosie Villar and Rebecca Chou

From June 7, 2011 to August 10, 2011, staff conducted 14 pre-permitting and annual inspections.

	<b>Date Issued</b>	<b>Permittee</b>	<b>Project Manager</b>
1.	12/07/09	Paradise Cove Beach Café, CI 8342	Elizabeth Erickson
2.	5/13/11	Acton Market, CI XXXX	Elizabeth Erickson
3.	6/01/11	Tom Barber Golf Centers, LLC, CI 9709	Mercedes Merino
4.	6/07/11	Puente Hills Landfill No. 6, CI 2294	Enrique Casas
5.	6/09/11	Tivoli Cove WWTP, CI 5731	Mercedes Merino
6.	6/09/11	Calabasas Landfill No. 5, CI 4992	Enrique Casas
7.	6/15/11	Paradise Cove Mobile Home Park, CI 8342	Elizabeth Erickson
8.	6/16/11	Savage Canyon Landfill, CI 4469	Enrique Casas
9.	6/23/11	Saticoy Foods Corporation, CI 5372	Mercedes Merino
10.	6/24/11	Toland Road Landfill, CI 5644	Enrique Casas
11.	7/04/11	Springville Drive Overpass, CI 9514	Mercedes Merino
12.	7/05/11	Carson Terminal, CI 7451	Enrique Casas
13.	7/20/11	Sunshine Canyon Landfill, CI 2043	Wen Yang
14.	7/22/11	Toland Road Landfill, CI 5644	Enrique Casas

**Summary of California Water Code (CWC) Section 13260 Orders**

Rosie Villar and Rebecca Chou

From June 7, 2011 to August 10, 2011, Executive Officer issued two CWC Section 13260 Orders requiring dischargers for submittal of WDR application.

	<b>Date Issued</b>	<b>Permittee</b>	<b>Project Manager</b>
1	7/29/11	Dullan Nursery, File 11-094	Mercedes Merino
2	7/29/11	Bella Mar HOA, File 11-028	Elizabeth Erickson

*Watershed Regulatory Program*

**Summary of General Permitting Unit Activities for June/July 2011**

During the months of June and July 2011, 13 dischargers were enrolled under the general NPDES permits, one enrollment was revised and one enrollment was terminated. The table on the following page shows the breakdown of the enrollments, revisions, and terminations for each category of general NPDES permit during the period.

		Date of Coverage	Date of Revision	Date of Termination
<b>A.</b>	<b>NPDES CAG994004 (Order No. R4-2008-0032) Construction &amp; Project De-watering</b>			
1	California American Water Company-San Marino, Richardson Well No. 3, 8657 Grand Avenue, Rosemead	6/16/11		
2	VII 034 Owner LLC, Proposed Multi-Family Residential Development Project, 432-438 North Oakhurst Drive, Beverly Hills	6/9/11		
3	West Basin Municipal Water District, Edward C. Little Water Recycling Facility, 1935 Hughes Way, El Segundo	6/10/11		
4	Harbor Highlands LLC, Harbor Highlands, 1427 N. Gaffey, Los Angeles	6/23/11		
5	Sabra Gas and Oil, Chevron Gas Station, 1105 North Gaffey, San Pedro	6/29/11		
6	Bevly Catalina Limited, Partnership, Bevely Catalina Car Wash, 4000 West Beverly Boulevard, Los Angeles			7/19/11
87	Los Angeles County Metropolitan Transportation Authority, I-405 Sepulveda Pass Widening Project, 405 Freeway Between Freeways 10 and 101, City of Los Angeles	7/27/11		
8	City of Los Angeles, Department of Water and Power, Los Angeles Aqueduct Fil-tration Plant and Los Angeles Reservoir Outlet UV Treatment Facility, 13101 Sepul-veda Boulevard, Sylmar	7/28/11		
9	Hermetic Seal Corporation, West El Monte Operable Unit 4232 Temple Boulevard, Rosemead		7/18/11	
<b>B.</b>	<b>NPDES No. CAG994005 (Order No. R4-2003-0108) Potable Water Supply Wells Discharges</b>			
<b>C.</b>	<b>NPDES CAG674001 (Order No. R4-2009-0068) Hydrostatic Test Water</b>			
1	ConocPhilips Los Angeles Terminal, East Terminal Hydrostatic Test Project, 135000 South Broadway Street, Los Angeles	6/20/11		
2	Calleguas Municipal Water District, Salinity Management Pipeline Phase 2A, Old Lewis Road, Between Camarillo Road and Cawelti Road, Camarillo	6/20/11		
3	California America Water Company, Baldwin Hills District Projects, Various loca-tions in Ballona Creek Watershed, Unincorporated Los Angeles County Areas	6/24/11		
4	City of Los Angeles Department of Water and Power, Sycamore Trunk Line Hydro-static Test Project, Along Sycamore Avenue Between Third Street and Sunset Boulevard, Los Angeles	6/28/11		
5	California America Water Company, San Mario/Duarte Service Area Projects, Various locations in Los Angeles River Watershed, Los Angeles County	7/7/11		
6	California America Water Company, Duarte Service Area Projects, Various loca-tions in San Gabriel River Watershed, Los Angeles County	7/7/11		

**Summary of General Waste Discharge Requirements Enrolled and Terminated**

Rosie Villar and Rebecca Chou

From June 15, 2011 to August 10, 2011 - Six dischargers enrolled under the general Waste Discharger Requirements (WDR), two were revised and six WDRs were terminated. The following table contains a breakdown for each category of general WDR.

		Project Manager	Date of Coverage	Date of Revision	Termination
<b>A.</b>	<b>General WDR Discharge for Groundwater remediation at petroleum Hydrocarbon fuel and/or volatile organic compound impacted sites (Order No. R4-2007-0019)</b>				
1.	Former Yellow Freight Terminal, Carson CI 9714	Cris Morris (Site Cleanup III)	6/22/11		
2.	Former Econo Lube and Tune, Carson, CI 9537	Ann Chang			7/25/11
3.	Motor Doctors, Beverly Hills, CI 9247	Ann Chang			7/25/11
4.	Invesys Climate Controls, Long Beach, CI 9432	Ann Chang			7/25/11
5.	Inactive 76 Station #5756, Simi Valley, CI 9506	Ann Chang			7/25/11
6.	Carson-Gore Academy (Former Central Region Elementary #13), Los Angeles, CI 9579	David Koo		8/05/11	
<b>B.</b>	<b>General Waste Discharge Requirements for Residential Onsite Wastewater Treatment Systems (Order No. R4-2004-0146)</b>				
1.	Onsite Wastewater Treatment Systems at 3715 Mandeville Canyon Rd., Los Angeles CI 9311	Ann Chang	7/25/11		
<b>C.</b>	<b>General WDR For Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or Volatile Organic Compound Impacted Sites (Order R4-2002-0030)</b>				
1.	Former Nasa Industrial Plant, Downey -CI 8724	Ann Chang			7/25/11
<b>D.</b>	<b>General WDR for small commercial multi-family residential subsurface sewage disposal systems (Order No. 01-031)</b>				
1.	3 Unit Apt. Complex, Malibu, CI 9648	Elizabeth Erickson	7/29/11		
2.	Acton Market, Acton, CI 9696	Elizabeth Erickson	7/29/11		
3.	Canine Adoption & Rescue League, Santa Paula, CI 9968	Elizabeth Erickson	7/29/11		
<b>E.</b>	<b>General WDR for specified discharges to groundwater (Order No. 93-010)</b>				
1.	Jepson Wash Debris Basin spillway Retrofit, Ventura, CI 9689	David Koo	7/01/11		
2.	Springville Drive Sewer Extension, Camarillo, CI 9514	Mercedes Merino		7/29/11	
<b>F.</b>	<b>General WDR for private subsurface sewage disposal systems in areas where ground water is used or may be used for domestic purposes (Order No. 91-94)</b>				
1.	Watt Enterprises LTD., Acton, CI 8448	Mercedes Merino			7/28/11

*Compliance and Enforcement Program*  
*Enforcement Unit*

**Expedited Payment Program**

- **Settlement Offer No. R4-2011-0105-M** was issued to Certified Alloy Products, Inc. (Permittee) on June 24, 2011, in the amount of \$33,000 for alleged violations of Regional Board Order No. R4-2009-0047, NPDES No. CAG994003 for 3245 Cherry Avenue. The Permittee submitted a signed waiver on July 14, 2011.
- **Settlement Offer No. R4-2011-0106-M** was issued to Hermetic Seal Corp. (Permittee) on June 24, 2011, in the amount of \$42,000 for alleged violations of Regional Board Order Nos. R4-2004-0058 and R4-2009-0047, NPDES No. CAG994003 for 4232 Temple City Boulevard. The Permittee submitted a response on July 15, 2011.
- **Settlement Offer No. R4-2011-0117-M** was issued to Calleguas Municipal Water District (Permittee) on July 6, 2011, in the amount of \$9,000 for alleged violations of Regional Board Order No. R4-2003-0108, NPDES No. CAG994005 for Well Field No. 1. The Permittee submitted a signed waiver on July 18, 2011.
- **Settlement Offer No. R4-2011-0116-M** was issued to Ventura County Waterworks District No. 19 (Permittee) on July 6, 2011, in the amount of \$3,000 for alleged violations of Regional Board Order No. R4-2003-0108, NPDES No. CAG994005 for Well No. 4 Pump Filtration Treatment Facility. The Permittee submitted a signed waiver on August 5, 2011. On August 5, 2011, the Regional Board received payment in full.
- **Settlement Offer No. R4-2011-0110-M** was issued to Olegario & Maria Estela Sanchez (Permittee) on July 6, 2011, in the amount of \$18,000 for alleged violations of Regional Board Order No. R4-2008-0032, NPDES No. CAG994004 for the groundwater remediation project at 3152 East Century Boulevard. The Permittee submitted a response on July 27, 2011.
- **Settlement Offer No. R4-2011-0061-M** was issued to Beverly Atrium LLC c/o Hines (Permittee) on July 6, 2011, in the amount of \$15,000 for alleged violations of Regional Board Order Nos. R4-2003-0111 and R4-2008-0032, NPDES No. CAG994004 for Beverly Atrium. The Permittee submitted a signed waiver on August 4, 2011.
- **Settlement Offer No. R4-2011-0115-M** was issued to 620 Gramercy Place HOA (Permittee) on July 6, 2011, in the amount of \$24,000 for alleged violations of Regional Board Order No. R4-2008-0032, NPDES No. CAG994004 for 620 S. Gramercy Place. The Permittee submitted a signed waiver on August 4, 2011.
- **Settlement Offer No. R4-2011-0063-M** was issued to Southern California Marine Institute (Permittee) on July 19, 2011, in the amount of \$156,000 for alleged violations of Regional Board Order Nos. 01-152 and R4-2008-0024, NPDES No. CA0058556 for 820 South Seaside Avenue. The Permittee has until August 18, 2011 to respond.
- **Settlement Offer No. R4-2011-0123-M** was issued to Atria West, LLC (Permittee) on July 20, 2011, in the amount of \$27,000 for alleged violations of Regional Board Order Nos. R4-2003-0111 and R4-2008-0032, NPDES No. CAG994004 for Building II. The Permittee has until August 22, 2011 to respond.
- **Settlement Offer No. R4-2011-0124-M** was issued to Atria West, LLC (Permittee) on July 20, 2011, in the amount of \$27,000 for alleged violations of Regional Board Order Nos. R4-2003-0111 and R4-2008-0032, NPDES No. CAG994004 for Atria West Building. The Permittee has until August 22, 2011 to respond.
- **Settlement Offer No. R4-2011-0093-M** was issued to KW Funds – 6100 Wilshire, LLC (Permittee) on July 27, 2011, in the amount of \$471,000 for alleged violations of Regional Board Order Nos. R4-2003-0111 and R4-2008-0032, NPDES No. CAG994004 for 6100 Wilshire Boulevard. The Permittee has until August 26, 2011 to respond.
- **Settlement Offer No. R4-2011-0108-M** was issued to Chevron USA, Inc. (Permittee) on June 22, 2011 in the amount of \$6,000 for alleged violations of Regional Board Order No. 96-018, NPDES Permit No. CA0059293 for Van Nuys Terminal. The Permittee had until July 22, 2011 to respond. A waiver was received on July 29, 2011.
- **Settlement Offer No. R4-2011-0113-M** was issued to St. Vincent Medical Center (Permittee) on June 24, 2011 in the amount of \$21,000 for alleged violations of Regional Board Order No. R4-2008-0032, NPDES Permit No. CAG994004 for S. Mark Taper Foundation Transplant Center. The Permittee has until August 31, 2011 to respond.
- **Settlement Offer No. R4-2011-0114-M** was issued to Golden State Water Company (Permittee) on July 1, 2011 in the amount of \$36,000 for alleged violations of Regional Board Order No. 2007-0021, NPDES Permit No. CAG834001 for Chadron Facility. The Permittee had until August 1, 2011 to respond. The Permittee has until August 28, 2011 to respond.

- **Settlement Offer No. R4-2011-0118-M** was issued to Braille Institute of America (Permittee) on July 1, 2011 in the amount of \$33,000 for alleged violations of Regional Board Order No. R4-2008-0032, NPDES Permit No. CAG994004. The Permittee responded on July 26, 2011 and the Settlement Offer was subsequently withdrawn on July 29, 2011.
- **Settlement Offer No. R4-2011-0120-M** was issued to Cedars-Sinai Medical Center (Permittee) on July 19, 2011 in the amount of \$15,000 for alleged violations of Regional Board Order No. R4-2008-0032, NPDES Permit No. CAG994004 for North Care Tower Project. The Permittee has until August 18, 2011 to respond.
- **Settlement Offer No. R4-2011-0125-M** was issued to Cedars-Sinai Medical Center (Permittee) on July 19, 2011 in the amount of \$6,000 for alleged violations of Regional Board Order No. R4-2008-0032, NPDES Permit No. CAG994004 for Advanced Health Sciences Pavilion Project. The Permittee has until August 18, 2011 to respond.
- **Settlement Offer No. R4-2011-0127-M** was issued to Goodrich Corporation (Permittee) on July 19, 2011 in the amount of \$3,000 for alleged violations of Regional Board Order No. R4-2009-0047, NPDES Permit No. CAG994003. The Permittee has until September 2, 2011 to respond.
- **Settlement Offer No. R4-2011-0122-M** was issued to El Segundo Power, LLC (Permittee) on July 22, 2011 in the amount of \$3,000 for alleged violations of Regional Board Order No. 00-084, NPDES Permit No. CA0001147 for El Segundo Generating Station. The Permittee has until August 22, 2011 to respond.
- **Stipulated Order On Settlement Offer No. R4-2011-0076-M** was issued to the City of Bellflower (Permittee) on July 5, 2011, in the amount of \$3,000 for alleged violations of Regional Board Order No. R4-2003-0108, NPDES No. CAG994005 for 9944 Flora Vista Street, Bellflower, CA. On July 15, 2011, the Regional Board received payment in full.
- **Stipulated Order on Settlement Offer NO. R4-2010-0194-M** was issued to California Department of Transportation on July 11, 2011 in the amount of \$33,000 for alleged violations of Regional Board Order No R4-2007-0022, NPDES No. CA914001 for the Route 105 Dewatering System. On July 19, 2011, the Regional Board received the payment in full.
- **Stipulated Order on Settlement Offer NO. R4-2010-0213-M** was issued to Los Angeles Department of Water and Power (Permittee) on July 11, 2011 in the amount of \$6,000 for alleged violations of Regional Board Order No R4-2007-0021, NPDES No. CAG834001 for Palm Service Center. On August 4, 2011, the Regional Board granted the Permittee an extension to submit the payment in full by August 8, 2011.
- **Stipulated Order on Settlement Offer NO. R4-2011-0024-M** was issued to Oak Tree Construction, Inc. on July 5, 2011 in the amount of \$12,000 for alleged violations of Regional Board Order No R4-2008-0032, NPDES No. CAG994004 for Paradise Cove Stormwater Treatment Facility. On May 13, 2011, the Regional Board received the payment in full.
- **Stipulated Order on Settlement Offer NO. R4-2011-0060-M** was issued to Westlake Village Hotel & Spa on July 5, 2011 in the amount of \$6,000 for alleged violations of Regional Board Order No R4-2008-0032, NPDES No. CAG994004. On July 15, 2011, the Regional Board received the payment in full.
- **Stipulated Order on Settlement Offer NO. R4-2011-0062-M** was issued to Occidental Lofts, LLC on July 11, 2011 in the amount of \$3,000 for alleged violations of Regional Board Order No R4-2008-0032, NPDES No. CAG994004 for Occidental Lofts. On August 1, 2011, the Regional Board received the payment in full.
- **Stipulated Order on Settlement Offer NO. R4-2011-0073-M** was issued to Los Angeles Department of Water and Power on July 5, 2011 in the amount of \$6,000 for alleged violations of Regional Board Order No R4-2008-0032, NPDES No. CAG994004 for River Supply Conduit Improvement Project. On August 4, 2011, the Regional Board received the payment in full.
- **Stipulated Order on Settlement Offer NO. R4-2011-0084-M** was issued to City of Simi Valley on July 5, 2011 in the amount of \$60,000 for alleged violations of Regional Board Order No R4-2003-0081, NPDES No. CA0055221 for Simi Valley Water Quality Control Plant. On July 22, 2011, the Regional Board received the payment in full.
- **Stipulated Order On Settlement Offer No. R4-2011-0081-M** was issued to the Los Angeles Department of Water and Power on July 11, 2011, in the amount of \$12,000 for alleged violations of Regional Board Order No. 00-083, NPDES No. CA0000370 for Scattergood Generating Station. On July 18, 2011, the Regional Board received payment in full.
- **Stipulated Order On Settlement Offer No. R4-2010-0154-M** was issued to the California Department of Transportation on July 5, 2011, in the amount of \$12,000 for alleged violations of Regional Board Order No. 97-045,

NPDES No. CAG994001 for the Route 10 Pavement Rehabilitation Project.

**NPDES Facility Inspections**

Enforcement Unit NPDES inspector conducted inspections at 8 Minor facilities with NPDES Permits from July 14, 2011 to September 1, 2011. Inspection of these facilities is a required part of the NPDES program.

**13267 Orders**

A 13267 Order (R4-2011-0128) to Submit Information Letter was issued to the Long Beach Water Department (Department) on August 2, 2011 for the July 27, 2011, discharge of chlorinated recycled water into the storm drain tributary to the Coyote Creek, Los Angeles County, California. The Department has until September 3, 2011 to submit the required information and report to the Regional Board.

**Notices of Violation issued**

Date Issued	WDID	Permittee	Permit Type
8/11/2011	4B196000131	Braille Institute of America	NPDES

*Stormwater Compliance & Enforcement*  
*Summary of Database Management*

**Data Clean-up**

Harumi Goya

The clean-up process for missing violation records that are in SMARTS began in April, 2011 and it was completed in this period. Approximately 100 out of 1,000 records were corrected by going through each case file. Most of the remaining violation records were generated by the database as potential violations and they were never followed up with enforcement action.

**Benchmark Value Exceedance Letter**

Harumi Goya

During 2010/11, Annual Report Review - Benchmark Exceedance Letters were sent to permittees whose sample analytical result(s) in fiscal year 2008-2009 exceeded the USEPA Benchmark values. The purpose of the letters was to direct permittees to develop and implement BMPs to reduce or prevent pollutants in stormwater discharges. The letters also required permittees to submit evidence of implemented additional BMPs and SWPPP amendments if the permittee is already implementing the BMPs.

To date, a total of 997 letters have been sent to industrial permittees. 101 Notices of Violation (NOV) were issued following up on the permittees, who did not respond to the letters. As of August 9, 2011, 963 dischargers have responded to the letters or the NOV. 15 permittees still have not responded either to the Benchmark Letter or the NOV. 16 letters came back as undeliverable and the status of these facilities is currently under investigation. 3 letters were withdrawn for various reasons. All the data for this project is recorded in SMARTS as well as in our local databases.

**5 Notices to Comply were issued**

Date Issued	WDID#	Facility Name	Type
6/29/2011	4 19I020786	Montebello Plastics LLC	Industrial
6/29/2011	4 19I020791	Sunshine Plastics Corp	Industrial
7/20/2011	4 19I001761	Monogram Aerospace Fasteners	Industrial
7/20/2011	4 19I018989	Wiretech Inc	Industrial
7/28/2011	4 19I018467	CA Drop Forge	Industrial

**4 Benchmark Exceedance Letters were re-sent:**

Date Issued	WDID#	Facility Name	Type
6/21/2011	4 19I014775	Central Metal Inc	Industrial
6/21/2011	4 19I015402	North Valley Const Co Bottom of Form	Industrial
6/21/2011	4 19I013939	Union Pacific Railroad Bottom of Form	Industrial
6/21/2011	4 19I017435	Long Beach Transit	Industrial

**12 Notices of Non-Compliance were issued:**

Date Issued	WDID#	Facility Name	Type
6/17/2011	4 19I017067	Mgm Auto Dismantlers	Industrial
6/20/2011	4 19I015041	Morton Scrap Metal	Industrial
6/21/2011	4 19I014843	H & E Equipment Services California	Industrial
6/23/2011	4 19I016118	L & R Pallets	Industrial
6/22/2011	Non Filer	Star Plastics Inc	Industrial
7/1/2011	Non Filer	Millennium Auto Wrecking	Industrial
7/8/2011	Non Filer	CRM Bottom of Form	Industrial
7/12/2011	Non Filer	One Way Auto	Industrial
7/20/2011	Non Filer	Pace Brothers Industries	Industrial
7/27/2011	Non Filer	Serco Mold Inc	Industrial
8/3/2011	Non Filer	Marman Industries	Industrial
8/5/2011	Non Filer	Namasco Bottom of Form	Industrial

**11 Notices of Violation were issued:**

Date Issued	WDID#	Facility Name	Type
6/21/2011	4 19I011645	Globe Used Auto Parts	Industrial
6/27/2011	4 19I001661	Bodycote Thermal Proc	Industrial
6/27/2011	4 19I002437	Shultz Steel Co	Industrial
7/19/2011	4 56I004467	Gold Coast Recycling	Industrial
7/22/2011	4 56C360179	Hilltop Villas	Construction
6/29/2011	4 19I021670	T&S Die Cutting Bottom of Form	Industrial
8/9/2011	4 19I001894	LA City Asphalt Plant No 1	Industrial
8/9/2011	4 19I006761	Unified Grocers Inc	Industrial
8/9/2011	4 19I011378	First Student	Industrial
8/9/2011	4 19I017653	Over & Over Ready Mix	Industrial
8/9/2011	4 19I018496	Conway Coating Corp	Industrial

**4 Requests for Time Extension was approved:**

Date Issued	WDID#	Facility Name	Type
7/11/2011	4 19I020781	UPM Inc.	Industrial
7/11/2011	4 19I021661	Bolero Plastics Bottom of Form	Industrial
7/13/2011	4 19C356744	Ventura County Community College District	Construction
7/13/2011	4 19I004458	Los Angeles Galvanizing	Industrial

*Remediation Program  
Site Clean Up III*

**Coast United Property Management**

Angelica Castaneda

Coast United Property Management submitted payment in full in the amount of \$50,762.50 on March 7, 2011 as directed by the Order on Complaint No. R4-2010-0115.

Coast United Property Management has been cooperative since March 2011; however, site assessment has been delayed by the lack of cooperation of neighboring property owners that have denied access for sampling at their properties. Neighboring property owners are very concerned about the liability that could result from the environmental sampling. At least two of these property owners are elderly persons with health problems.

Regional Board staff has been assisting the consultant by calling these property owners to explain the rationale of the investigation. On May 9, 2011, the Regional Board sent two letters requesting access agreement from the neighboring properties to allow the collection of soil gas samples.

The Office of Enforcement has also been involved in contacting these property owners. On June 29, 2011, the Office of Enforcement sent a letter to one of the property owners, Mr. Solomonian and his attorney, explaining Regional Board's legal authority to request access for sampling at his property. The Office of Enforcement is ready to send similar letters to other property owners as needed.

Due to this delay, Coast United Property Management requested a time extension for the submittal of the assessment report. The Regional Board denied such extension to preserve our legal authority.

**Former Kast Tank Farm Property, Carousel Residential Neighborhood Tract, Carson**

Dr. Teklewold Ayalew

The Regional Board has received and completed the review of a *Pilot Test Work Plan* as required by the Cleanup and Abatement Order (CAO) issued on March 11, 2011. The scope of proposed work includes excavation of impacted soil using five excavation/shoring methods or approaches for evaluation at six (6) homes. Pursuant to the California Environmental Quality Act (CEQA) Guidelines, the Los Angeles Regional Water Quality Control Board (Regional Board), in its capacity as lead agency, is drafting an Initial Study and Mitigated Negative Declaration (MND) for the proposed pilot remedial excavation project. The initial study in preparation summarizes the findings of the site investigation. The draft MND describes the proposed project, evaluates the potential environmental effects, and describes the mitigation measures necessary to avoid potentially significant environmental effects from the project.

When the draft document is completed, the Regional Board will circulate the draft MND with Initial Study for public review for 30 days for comments. Upon receipt and consideration of comments, the Regional Board Executive Officer will make a decision on the proposed project. Upon approval of the MND by Regional Board Executive Officer, we will file a Notice of Determination with the State Clearinghouse / County Clerk. Therefore, the implementation of the proposed pilot excavation project shall begin after the approval of the MND in compliance with CEQA

The completed residential sampling activity as of **August 10, 2011** is as follows:

- 260 homes have been screened for methane (91%);
- 260 homes have had soils sampled and vapor probes installed (91%);
- 249 homes have had sub-slab soil vapor probes sampled (87%); and
- 41 homes have had indoor air sampled (14%).

**Former Athens Tank Farm / Ujima and Earvin Magic Earvin Johnson Regional Park, Los Angeles**

Dr. Teklewold Ayalew

Pursuant to the Los Angeles Regional Water Quality Control Board (Regional Board) Order dated April 13, 2011, on behalf of Exxon Mobil Oil Company, Kleinfelder submitted a request to the County of Los Angeles Fire Department (LACFD) for regulatory review of methane testing at the site. In response, the LACFD issued a letter dated June 17,

2011 stating that they have reviewed the work and comments by the Regional Board and supporting agencies and concluded that all aspects of site mitigation, including methane concerns are being addressed. Furthermore, as stated in the letter, LACFD conducted an evaluation for methane gas at the child care facility located on site in response to a complaint and included a copy of the incident report. The letter states that "All the rooms, as well as the crawl spaces below the modular building housing the day care, had no detectable concentrations of methane or any other flammable gas or vapor."

The Regional Board has completed the review of the document titled *Soil Vapor Extraction Pilot Test Work Plan* dated June 3, 2011 that proposes pilot testing in four previously identified areas of the Site that have known significant impact from volatile organic compounds. On June 29, 2011 the Regional Board issued a response stating an approval to implement the proposed work. The technical report of the findings is due to the Regional Board by December 2, 2011.

In addition, based on the Regional Board directive, Kleinfelder has submitted the document titled *Methane Assessment Work Plan* dated June 30, 2011 for our review. The Regional Board staff has approved a methane monitoring program by measuring of methane, fixed gases and volatile organic compounds both on- and off-site at utility vaults, electrical conduits, panels, crawl spaces and selected permanent vapor sampling probes. Currently a monthly monitoring for a six month period is underway. If trends are stable, the monitoring program will be changed from monthly to quarterly. After a year of monitoring, and if favorable monitoring results, the monitoring program will be changed from quarterly to semi-annually. Following a year of semi-annual monitoring trends will be re-evaluated to support an annual monitoring schedule.

The off-site soil sampling as well as soil vapor probe installation and vapor sample collection is completed. The off-site sampling is designed to quickly identify whether or not the vapor intrusion to indoor air pathway is complete and to evaluate the potential for soil vapor migration to adjacent properties. Off-site groundwater monitoring well pair installation is in progress.

#### **Playa Vista, Area D2**

Dr. Noori Alavi

Playa Vista (Site) originally encompassed approximately 1,087 acres known as Areas A, B, C and D. In late 2003, Playa Capital Company, LLC (Playa), transferred title and relinquished rights to Areas A, B, and C. The current commercial and residential redevelopment site consists of Area D only (460 acres). Area D is divided into Phase I and Phase II for development purposes. The Phase II of development in Area D (Area D2), also known as the "Village at Playa Vista" consists of currently undeveloped land and comprises approximately 111 acres. The planned development of Area D2 will include a mixed-use community, the completion of the middle 6.7 acres of the Riparian Corridor, and the restoration of the Westchester Bluffs in the southern portion of Area D2.

On March 29, 2007, Camp Dresser & McKee, Inc. (CDM) submitted a request for an NFA determination for unsaturated soil within the northern lots of Area D2. Based on subsequent communications between Playa, CDM, and Los Angeles –Regional Water Quality Control Board (Regional Board) staff in 2010, it was determined that additional characterization activities throughout the NFA area would be required to provide further evidence that an NFA determination for unsaturated soil is warranted. Also, Playa expanded the scope of the NFA request to include the western portion of Area D2. As a result, a work plan to implement supplemental field characterization activities in which soil, soil gas, and groundwater samples would be collected was submitted to Regional Board on August 16, 2010.

At the request of Regional Board, the scope of work detailed in the work plan was subsequently amended to include the collection of soil samples from engineered fill above native soil. Based on this change, a revised soil sampling matrix, sample location map, and associated cross-sections were revised and resubmitted to Regional Board on October 27, 2010. Implementation of the work plan activities was discussed with Regional Board at a December 10, 2010 meeting and again during a telephone conversation on January 20, 2011.

Playa informed Regional Board on January 21, 2011 via electronic transmittal that field characterization activities must begin in early February 2011 in order to meet critical development deadlines in north part of Area D2. Subsequently, Playa elected to proceed with the scope of work in the work plan prior to Regional Board review and issue the approval letter.

On June 1, 2011, CDM on behalf of Playa submitted a report to the Regional Board entitled "Updated Request For

NFA determination for Soils in North and North West of Area D2” (Report). Review of the Report and other related documents contained in the project file is in progress.

### **Former Main Street Cleaners**

Steve Rowe

The Former Main Street Cleaners (Site) is a 1,050-square foot retail commercial property located within a mixed commercial and residential area of Venice, California approximately one-half mile east of the Pacific Ocean. From 1982 to 2000, a commercial dry cleaning facility operated at the Site. The facility ceased operations in 2000 and all dry cleaning equipment was removed at that time. Since 2000, the property has been used solely as a commercial retail office/warehouse.

Soil, soil vapor and groundwater beneath the Site have been impacted with chlorinated volatile organic compounds (VOCs), primarily tetrachloroethene (PCE) as well as trichloroethene (TCE), *cis*- and *trans*-1,2 dichloroethene (1,2-DCE) and vinyl chloride due to biodegradation of the PCE. Since 2000, there have been numerous soil, soil vapor and groundwater investigations. Maximum PCE concentrations of 724,000 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ), 11,595 micrograms per liter ( $\mu\text{g}/\text{L}$ ) and 1,100  $\mu\text{g}/\text{L}$  have been detected in soil, soil vapor and groundwater, respectively. The highest concentrations were near former dry cleaning machines and drums. Soil vapor extraction (SVE) remediation was previously attempted, but showed little success due to the fine-grained shallow soil (primarily clay) beneath the Site. Groundwater occurs at 8.5 to 9 feet below ground surface (bgs) and has exhibited variable flow directions. Groundwater monitoring has been conducted quarterly since 2008.

In January 2010, the property owner/responsible party and his attorney met with Regional Board staff and management to discuss the site investigation and cleanup, and requirements for possible soils-only closure. Due to the fine-grained soil, shallow residual soil contamination, and depth to groundwater, soil excavation was considered as a viable corrective action for soil cleanup. In June 2010, the Regional Board issued a 13267 Order (Order) requiring a soil remedial action plan (RAP). The soil RAP was approved on September 22, 2010. Subsequent extensions of the RAP implementation and report submittal dates were issued on January 11, 2011 and April 25, 2011 to accommodate delays with permitting and contractor procurement.

In May 2011, the approved soil RAP (remedial soil excavation) was implemented onsite. The contractor used a slot-cut excavation method, which involved excavation, confirmation sampling and backfilling areas of the in stages to prevent undermining the existing building. A total of 205 cubic yards of impacted soil was removed. In the primary source area near former dry cleaning equipment, soil was excavated to a depth of 8 feet bgs. The remainder of the site was excavated 3 to 6 feet bgs, based on previous soil data. Soil gas probes were installed along property boundary sidewalls to the south and east. Confirmation sampling indicates that the majority of VOCs-impacted soil has been removed as a result of the excavation. However, some residual soil and soil vapor contamination remains, primarily near the southern sidewall adjacent to the former dry cleaner. Regional Board staff is in the process of reviewing the data and will provide a response on whether additional assessment and/or remediation will be needed to evaluate and mitigate the risk (if any) to human health and groundwater resources due to residual soil contamination.

### **Former Yellow Freight Carson Terminal**

Paul Cho

The site is a motor freight terminal which has been operating since 1967. Several underground tanks were located at the site. An oil/water separator formerly used in connection with truck steam-cleaning operation was located outside the north wall of the vehicle maintenance shop. In the past, effluent from this separator drained to a series of seepage pits north of the shop building. Based on a previously performed, multi-staged investigation, it was found that soil and groundwater have been impacted with volatile organic compounds (VOCs), primarily trichloroethylene, 1,1-dichloroethylene (DCE), 1,2-DCE, and diisopropyl ether.

In order to remediate contaminated groundwater, the responsible party submitted their application for General Waste Discharge Requirements No. R4-2007-0019 to inject hydrogen release compound (HRC) on March 30, 2011. A pilot test will be conducted first to evaluate the proposed site-wide HRC injection through a total of 59 injection points for 5,900 pounds of HRC in the treatment zone at a rate in pounds per vertical foot of injection of 4 lbs/foot per injection point. Staff reviewed all the technical reports related to the proposed HRC injection and the General Waste Discharge Requirements No. R4-2007-0019 was issued on June 22, 2011.

### **Defense Fuel Support Point Norwalk Tank Farm, Norwalk**

Paul Cho

After over 80 years of being a part of the Norwalk landscape, and nearly 10 years after fuel storage ended, the above ground storage tanks were brought down by February 2011. Defense Logistics Agency Energy (DLAE) is the agency responsible for the Norwalk tank farm. DLAE submitted a workplan addendum on June 7, 2011 to investigate soil contamination after demolition activities of concrete and various non-operational site features. Regional Board staff reviewed the proposed works and issued a workplan approval letter on August 2, 2011. A completion report that describes the field activities, confirmation sample results, the waste profiling analytical results, disposition of various wastes, conclusions and recommendations will be submitted by October 14, 2011.

DLAE also submitted a revised workplan dated June 30, 2011 for subsurface light non-aqueous phase liquid (LNAPL) characterization and vapor monitoring. This revised workplan included deep soil sample collection from two boreholes adjacent to UV-2 and UV-9 (previously performed LNAPL characterization using an ultra-violet optical screening tool). Regional Board staff issued a workplan approval letter on August 10, 2011. DLAE will submit the LNAPL investigation report by October 30, 2011. Seven vapor monitoring probes will be sampled for four consecutive quarters. Regional Board will determine if additional soil vapor monitoring is necessary after review of the LNAPL investigation report and soil vapor monitoring data.

Regional Board staff presented the progress of Regional Board's regulatory oversight related to LNAPL investigation and cleanup activities during the July 21, 2011 Groundwater Contamination Forum hosted by the Water Replenishment District of Southern California. Regional Board staff continuously participate a public meeting hosted by the Restoration Advisory Board to provide cleanup progress to public. The next meeting is scheduled on August 11, 2011 at the Norwalk Arts and Sports Complex in Norwalk.

### *Site Clean Up IV*

### **Apollo Site, SCP 038E**

Cris Morris

The Apollo site (225 South Aviation Blvd, El Segundo) comprises 5.5 acres and is bordered by the former Los Angeles Air Force Base (LAAFB) to the east, the Aerospace Corporation to the west and a cement plant to the south. The LAAFB site was closed in 2005 and the Aerospace site is still under a Section 13267 Order dated June 28, 2005 to completely delineate the VOC (primarily TCE) plume. The Aerospace site is upgradient of the Apollo site.

The Apollo site currently includes a building that was built in the 1960s and is being utilized by Globe International for offices, warehouse and light manufacturing. Globe International is a marketing and design firm that sells and designs skateboards, shoes and apparel. The manufacturing portion of the facility includes operation and maintenance of custom heat presses and two pad printers. Between 1968 and 1999, Electronic Enclosures (a division of Wyle Labs) fabricated and painted cabinets and desks on the site.

The subsurface conditions in this area include partial clay aquitards, two water bearing zones and sediments that primarily consist of sand mixtures with silt and clay. Based on the low soil gas concentrations in the shallow subsurface at the Apollo site, the soil component of this site is protective of human health. Regional Board staff is still evaluating the available data to determine if the contributions from this site are low risk. Therefore, the site is currently under review by management for consideration of a closure determination.

### **Implementation of California Land Reuse and Revitalization Act for Former Continental Graphics Facility, Los Angeles**

Henry Jones

California Land Reuse and Revitalization Act (CLRRA) provides qualified innocent landowners, bona fide purchasers or contiguous owners with immunity from liability for contamination. Madison La Brea, LLC (Madison) acquired most of a city block of South La Brea Avenue between 1<sup>st</sup> and 2<sup>nd</sup> Street in Los Angeles, and submitted a CLRRA application for the former Continental Graphics facility, Building G, located at 171, 175 and 181 South La Brea Avenue.

The property (approximately 0.44 acres) was a former automotive station, paper warehouse, and parking structure. Currently, the property consists of an existing office/warehouse space and a parking structure, which Madison plans to renovate. Staff determined that the property is eligible for redevelopment under CLRRRA, and informed the Regional Board's lead agency role to Department of Toxic Substances Control. In addition, staff approved a site assessment work plan to evaluate the potential for vapor intrusion into the existing building, identify any onsite release locations, determine the vertical and lateral extent of contaminants, and to monitor groundwater contaminant concentrations at the site. With the technical report documenting the results of the site assessment, staff will evaluate all of the requirements in Health and Safety Code sections 25395.94(b) and (c), and determine adequacy of site characterization.

#### **Staff Presentations in the Central and West Coast Groundwater Contamination Forum held by Water Replenishment District (WRD) of Southern California**

Mohammad Zaidi

On July 21, 2011, staff presented the updates on the ongoing cleanup and monitoring of the groundwater and free hydrocarbon product plumes at the Shell Carson Terminal and the ExxonMobil Torrance Refinery, at the Central and West Coast Groundwater Contamination Forum held by the Water Replenishment District of Southern California. The Forum is attended by representatives of USEPA Region 9, USGS, DTSC, California Department of Public Health, Water Board, CH2M Hill, WRD, and water purveyors including California Water, and Golden State Water Company. The Forum was to share the information for progress of remediation, and monitoring results of the contaminated groundwater plumes at various large industrial, commercial, and superfund sites located near a number of active public water supply wells. Staff presented the extents of di-isopropyl ether (DIPE), tertiary butyl alcohol (TBA), and 1,2-dichloroethane (DCA) groundwater plumes in water table and deeper aquifers, volume of light non-aqueous phase liquid (LNAPL) recovered, and volumes of treated groundwater for the Shell Carson plant. For the ExxonMobil Torrance refinery, staff presented the onsite and offsite extent of LNAPL and dissolved benzene groundwater plumes in perched and Gage-Gardena aquifers, and volumes of free product recovered and groundwater treated.

#### **Waltco Engineering Company, Gardena**

Ann Lin

The former Waltco Engineering Company Facility is a 4-acre property located in a general industrial area of Gardena. Per the Regional Board's a California Water Code Section 13267 Order, soil and groundwater beneath the site have been investigated and found impacted with volatile organic compounds including 1,1-dichloroethene, trichloroethene, and tetrachloroethene, in excess of acceptable levels established by the Regional Board. Based on a conceptual site model for the site and the results of OEHHA's review for human health risk assessment, staff required the responsible party (J.F. & T Company) to mitigate the volatile organic compounds onsite soil by vapor extraction to reduce the concentrations to below levels of concern. The responsible party submitted a work plan for approval for additional unsaturated soil investigation and remediation in July 2011. Staff is anticipating the implementation of the proposed soil remediation in this fall, and will direct further investigation on groundwater contamination from possible sources in the area.

#### **Navy Response to Air Tanker Accident at Naval Base Ventura County, Point Mugu Facility**

Peter Raftery

In the late afternoon of May 18, 2011, a contracted refueling aircraft crashed while attempting takeoff at the Naval Base Ventura County, Point Mugu Facility. The crash site, in intertidal wetlands immediately south of the end of the runway, is approximately 500 feet landward of the beach. After the crew of three escaped with minor injuries the aircraft was destroyed by fire. It was estimated that much of the approximately 158,000 pounds ( $\approx$  23,000 gallons) of JP-8 fuel on board burned.

Immediately following the accident, base staff protected wetlands by restricting flow in tidal channels with sand bag barriers and capturing fuel with absorbent booms and skimmers. More than 100 people worked on the containment and cleanup immediately following the accident, including Navy, Coast Guard, California Department of Fish and Game, and contractors. Heavy equipment already in use at the base was diverted for accident response and additional equipment was quickly mobilized.

On the morning of May 19, 2011, Peter Raftery of the Regional Water Board staff met on site with Steve Granade of the Base's Environmental Department and inspected and photographed the containment activities. Only minor hydrocarbon sheen was visible in the tidal channels and other areas. The Coast Guard, inspecting for sheen, performed a flyover of the wetlands, Mugu Lagoon, and near shore area. No sheen was observed. On May 19<sup>th</sup> the National Transportation Safety Board (NTSB) crash investigation team restricted access to the aircraft and immediate vicinity.

On May 21, 2011, approximately 6,030 gallons of fuel were pumped from the aircraft's right wing. Removal of the aircraft was underway by June 9, 2011 and was completed by June 13, 2011. On July 1, 2011, Regional Water Board staff reviewed and commented on the June 23, 2011 soil analysis plan for the tidal wetlands near the accident site. Soil sampling and analysis will occur in the near future and the Regional Water Board will receive the results.

#### **Chevron Montebello Terminal, Montebello**

Gregg Crandall

The Chevron Montebello Terminal site, located at 601 South Vail Avenue, Montebello, has distributed gasoline, gasoline additives, and diesel fuel since 1945. The original site covered 43 acres, which was partially divested into four parcels in the 1990s. Parcels 2, 3, and 4 were redeveloped to respectively include warehouse/trucking operations, commercial buildings with parking lots, and a regional transit center. The existing Chevron Montebello Terminal operations are limited to the northeast ¼ of the original site (Parcel 1). Based on the soil, soil vapor, and groundwater data submitted, the Regional Board issued no further action for soil-only for divested Parcel 2 in June 2011 and divested Parcels 3 and 4 in August 2011. Continuing groundwater monitoring of wells located at divested Parcels 2, 3, and 4 will be part of on-going investigation and remediation conducted at Parcel 1, where significant contaminant sources were identified.

#### **China Shipping Expansion Project (Former Chevron Marine Terminal)**

Adnan Siddiqui

Former Chevron Marine Terminal was developed into the China Shipping Terminal (Berth 100). Port of Los Angeles (POLA) has plans to expand the China Shipping Terminal into the adjacent Berth 96, which is currently used by the Catalina Cruise line. The redevelopment schedule is ambitious and the POLA plans to begin construction activities in April 2012.

The project is challenging due to ambitious construction schedule and complicated by the presence of contamination primarily consisting of petroleum hydrocarbons in soil and in groundwater. In addition, there are numerous abandoned pipelines and one active US navy pipeline running across the project area.

Chevron is currently conducting assessment of the petroleum hydrocarbon contamination and in particular the light non-aqueous phase liquid (LNAPL) plume centered in the northeastern portion of the site. The assessment is almost complete and active remediation will be required. On the construction side, the POLA engineers are working on completing the design of the terminal.

Regional Board staff is conducting meetings with primary stakeholders (Chevron, POLA, US Navy) to ensure timely regulatory oversight of the project.

#### **Dominguez Channel Release, Carson**

Greg Bishop

LNAPL has been daylighting within the bottom of the Dominguez Channel south of Carson Street in Carson, California, since January 2011. Los Angeles County Department of Public Works (LADPW) owns the channel and is responsible for operating containment booms and sorbent pads to control surface sheen migration within the channel. USEPA had been leading a group of State and local regulatory agencies in controlling and determining the source of the channel release. In April 2011, the Regional Board took charge of the project and issued investigative orders to multiple parties.

The LNAPL was initially assumed to have been originating from a Plains pipeline directly beneath the location where the LNAPL daylighting is occurring in the channel. However, the pipeline carries crude oil and the daylighting product is dominantly lighter-end gasoline-range hydrocarbons, with a small fraction of heavier-end compounds. In addition, the Plains pipeline underwent and passed pressure and tracer tests, indicating that it is likely not the source of LNAPL release to the channel.

Regional Board staff have identified and begun investigating other possible sources of the release:

- An operating gasoline station (Unocal 76 station) with known LNAPL in groundwater west of the channel.
- A series of five pipelines that extend beneath the channel from the north within Perry Street (one of these lines is the Plains crude oil line).
- A known dissolved-phase gasoline pipeline release within Perry Street northeast of the channel and adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- An inactive gasoline station (former Texaco) northeast of the channel and adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- An inactive gasoline station (former Humble Oil) northeast of the channel and adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- A former RV manufacturing facility (former Carson Air Harbor) with a former septic system that was converted to a waste oil tank. This site has detected LNAPL in a groundwater monitoring well. This site is adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- Pipelines adjacent to the east side of the channel, along the west side of Carson Air Harbor.
- A former RV service facility (former Active RV) adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- Three petroleum pipelines along the west side of the channel.
- Petroleum pipelines within Recreation Road, west of the channel.
- Undocumented fuel tanks at Go Kart World, west of and adjacent to the channel.
- A pipeline corridor approximately 0.25 mile west of the channel with eight petroleum pipelines (there are sewer lines between the corridor and the channel release which make these lines a candidate if the sewer lines or their tranches are a transport mechanism).
- A similar release that occurred near Del Amo Street and the Dominguez Channel c. 1998. This release may have moved downgradient and resurfaced.

In addition, the Dominguez Channel infrastructure includes a subdrain system: a set of horizontal perforated pipes within each levee. LNAPL has been detected within the subdrain systems along both the east and west banks of the levee. Regional Board staff are concerned that these subdrain systems are serving as an LNAPL transport mechanism.

During June, July, and early August 2011, the Regional Board took the following actions:

Regional Board staff approved a work plan resulting in BP Pipelines installing four groundwater monitoring wells in the vicinity of the Dominguez Channel.

Regional Board staff approved a work plan resulting in Tesoro Refining and Marketing Corporation installing two groundwater monitoring wells within the western levee of the Dominguez Channel.

Regional Board staff approved several work plans resulting in Resource Environmental, LLC (RELLC) installing dozens of wells and other data collection points within both channel levees, within the floor of the Dominguez Channel itself, and at the former Carson Air Harbor and active Unocal 76 properties near the Dominguez Channel. RELLC is performing work on behalf of Shell Oil Products US and Chevron Environmental Management Corporation.

Regional Board staff approved a work plan resulting in RELLC evaluating, monitoring, and installing measures to contain the LNAPL within both levee subdrain systems.

The initial round of data submittals from recent and ongoing sampling is anticipated in the near future. Regional Board staff anticipate that a substantially better understanding of the nature and distribution of contaminants affecting the Dominguez Channel will be obtained at that time.

Other agencies involved in regulating or monitoring the release include the USEPA, Los Angeles County Fire Department, California Department of Fish and Game, South Coast Air Quality Management District, CalFire, and the City

of Carson.

## *Underground Storage Tank Program*

### **Completion of Corrective Action at Leaking Underground Fuel Storage Tank Sites**

Yue Rong

Regional Board staff have reviewed corrective actions taken for soil and/or groundwater contamination problems from leaking underground storage tanks for the time of **April 19, 2011** through, **July 6, 2011**, and determined that no further corrective actions are required for the following sites:

- ARCO Service Station No. 0103, Los Angeles (I-12040A)
- ARCO Service Station No. 3031, Los Angeles (907100025A)
- Ambassador Car Wash, Los Angeles (900380361)
- Volkswagen Testing Facility, Westlake Village (R-02704)
- Former Long Beach City Tow Yard, Long Beach (908130498)
- Former ExxonMobil Station No 18-FMW, Reseda (913350443A)

For the case closure sites above, a total of **3,121** tons of impacted soils were excavated and **16.7** pounds of hydrocarbons were removed by soil vapor extraction system. In addition, **9,694** gallons of impacted groundwater were treated.

### **Executive Officer issued General Waste Discharge Requirements (WDRs)**

Yue Rong

The Executive Officer, on behalf of the board, issued 1 general Waste Discharge Requirements (WDRs) to G&M Oil #57, located in Lynwood (5/13/2011). The WDRs issued for injection of ozone to the impacted aquifer for in-situ groundwater cleanup, which is designed to save water resources by avoiding discharging the treated water to the ocean.